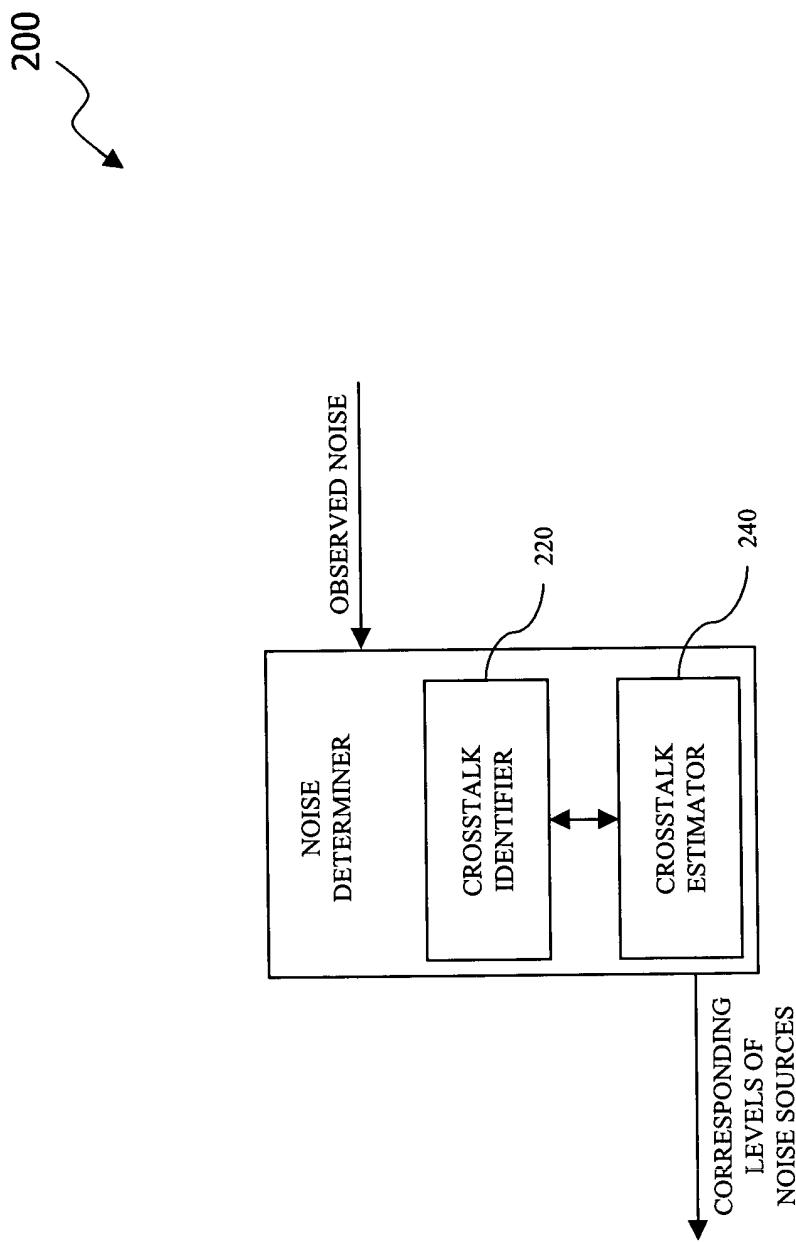


FIGURE 1

FIGURE 2



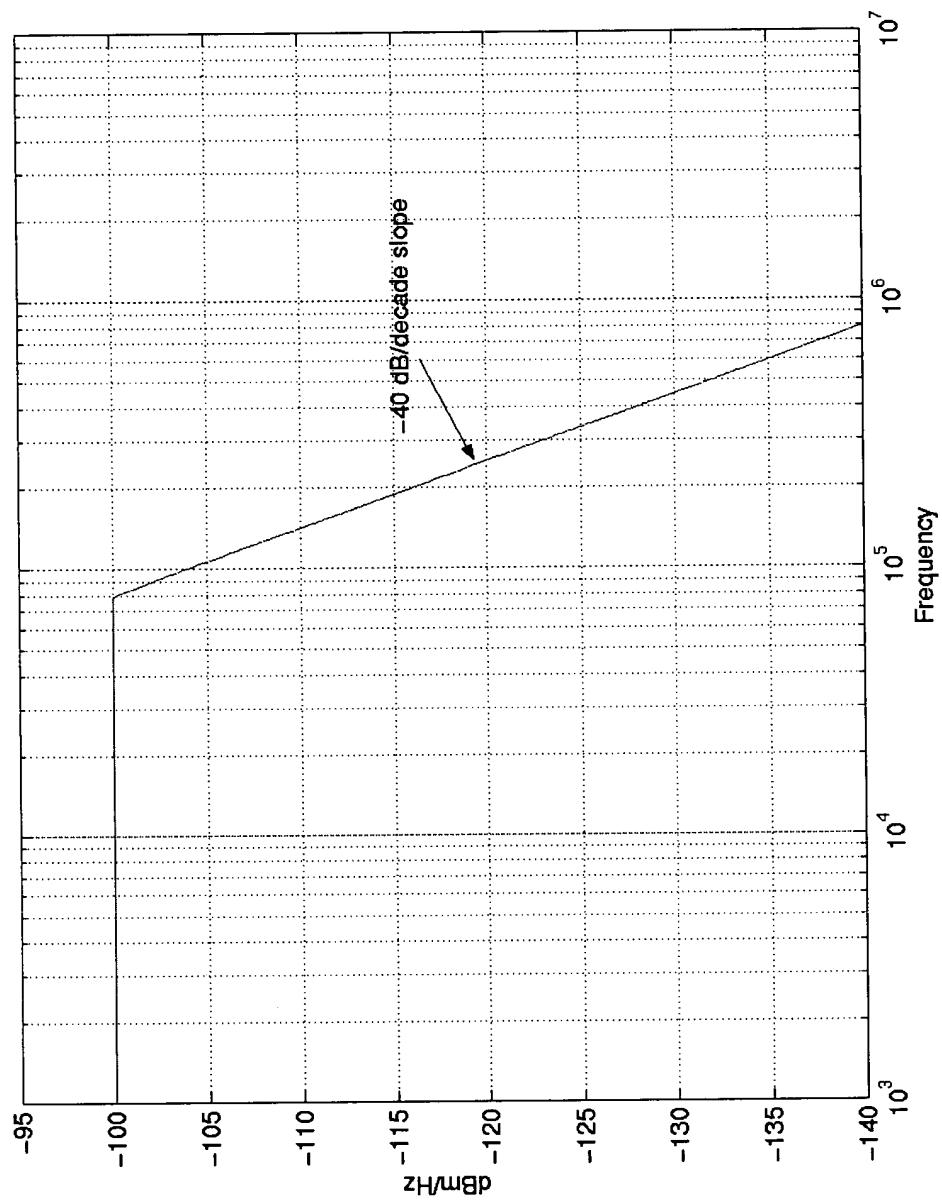


FIGURE 3

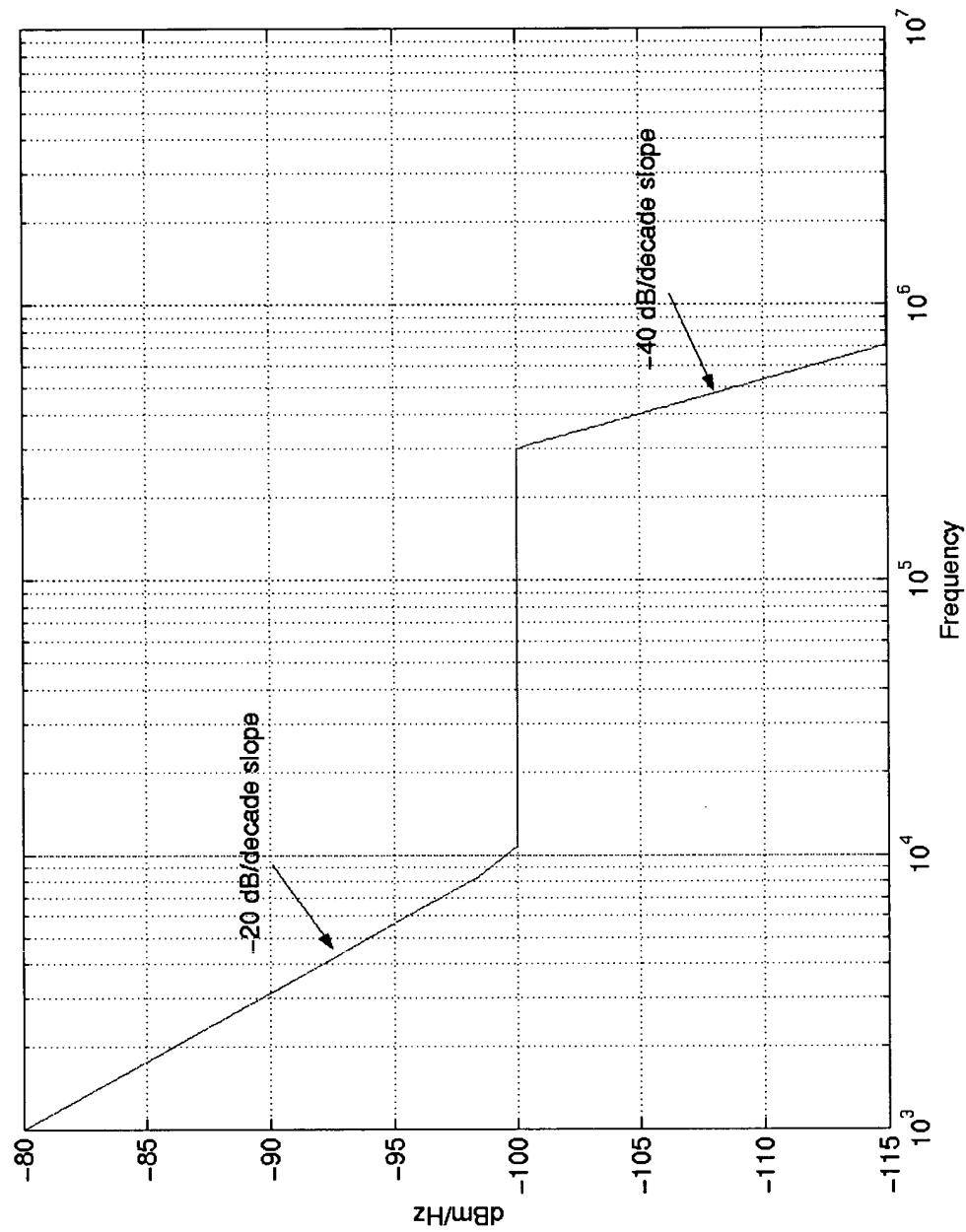


FIGURE 4

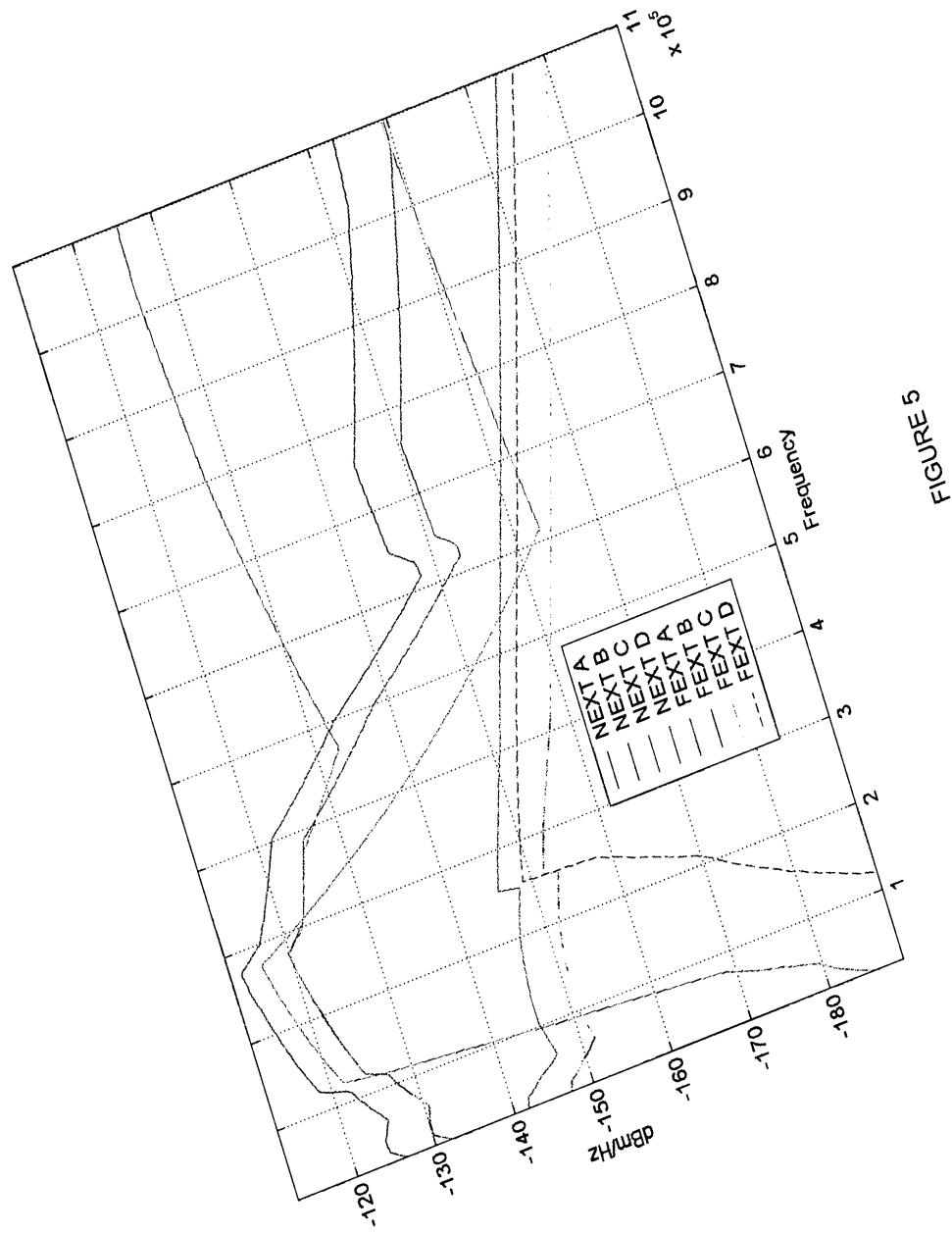


FIGURE 5

TABLE 1

Noise Type	Parameter	Estimated Value	True Value	Estimated Energy Percentage (%)	True Energy Percentage (%)
AWGN	Average PSD (dBm/Hz)	-140	-140	0	0
HDSL	Number of Disturbers	20	20	2.53	2.53
DSL (ISDN)	Number of Disturbers	9	9	0.01	0.01
T1	Number of Disturbers	4	4	58.32	58.32
Noise A	Power (dBm)	-50	-50	1.54	1.54
Noise B	Power (dBm)	-49	-49.4	0.07	0.07
NEXT A	Existence (Boolean)	0	0	0	0
NEXT B	Existence (Boolean)	1	1	36.38	36.38
NEXT C	Existence (Boolean)	0	0	0	0
NEXT D	Existence (Boolean)	0	0	0	0
FEXT A	Loop Length (ft)	7695	7695	1.15	1.15
FEXT B	Loop Length (ft)	0	0	0	0
FEXT C	Loop Length (ft)	0	0	0	0
FEXT D	Loop Length (ft)	0	0	0	0

FIGURE 6

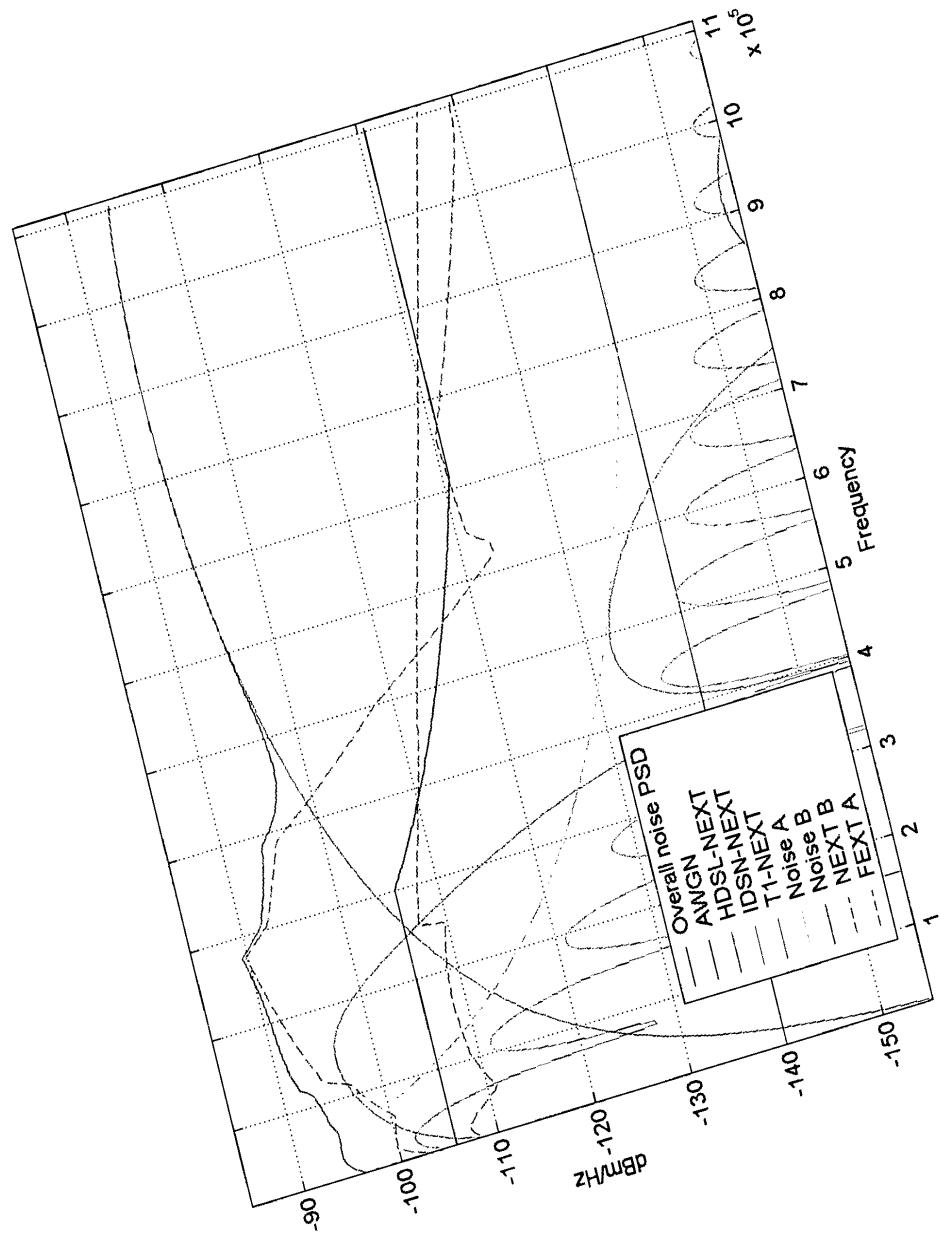
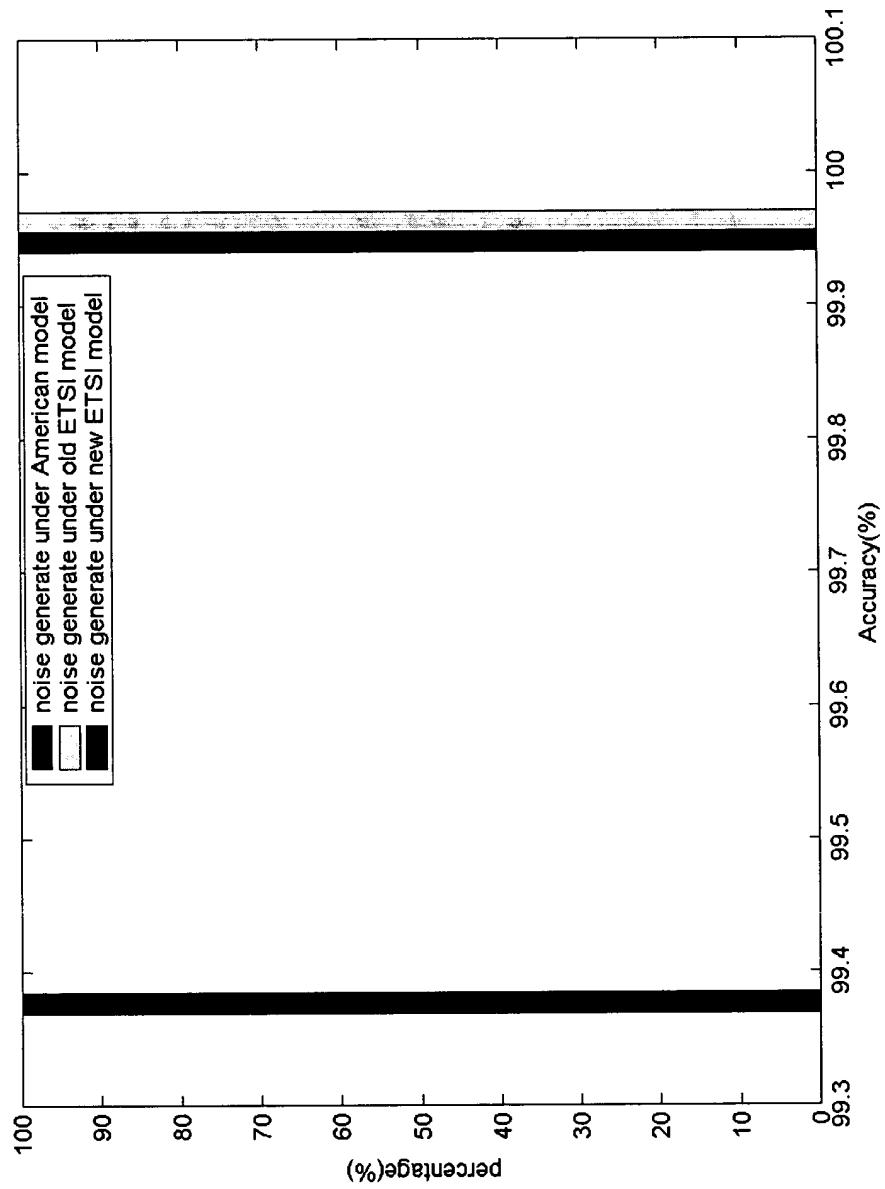


FIGURE 7

FIGURE 8



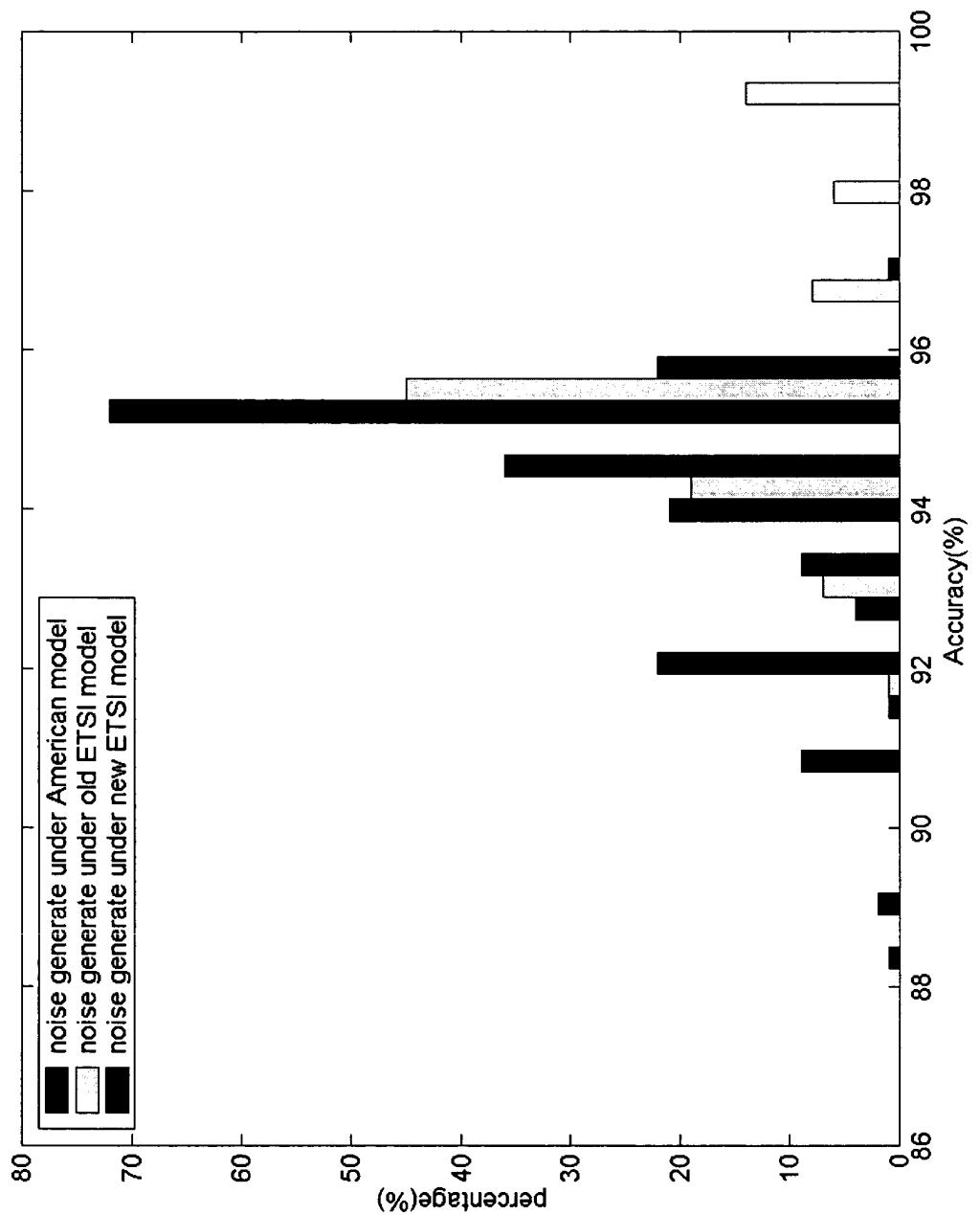


FIGURE 9

FIGURE 10

